## Use Attainability Analysis

for

WBID 0033 Brushy Fork

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program RECEIVED

## Field Data Sheets for Recreational Use Stream Surveys

2005 JUN 29 PM 4: 07

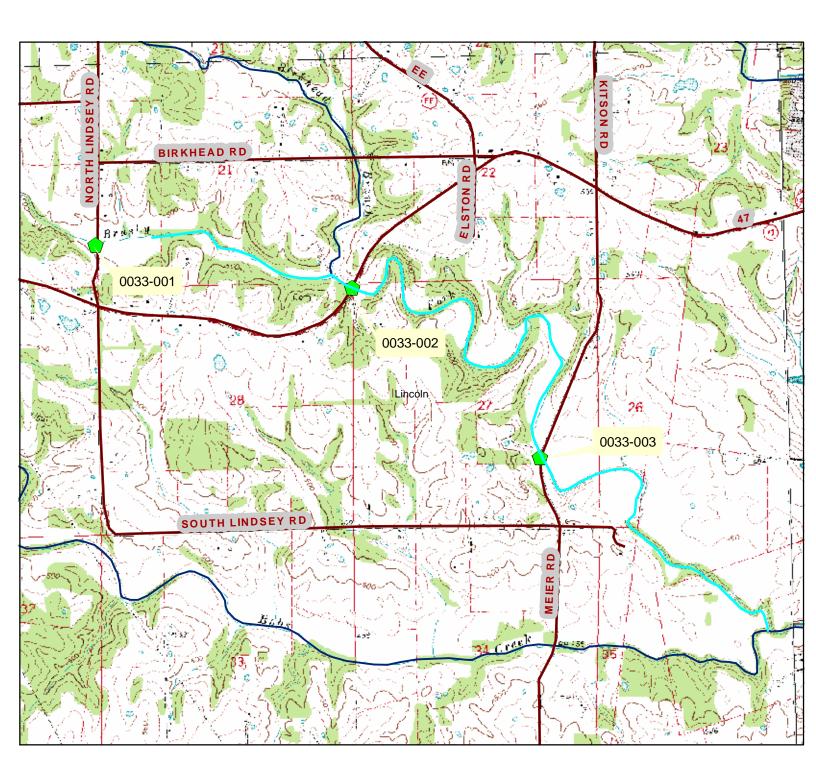
### Data Sheet A - Water Body Identification

PROTECTION PROGRAM	Dam Sheet 2x - Water Doug Identificati	<b></b>
Water Body Name: (from USGS 7.5' quad)	BRUSHY FORK	
8-digit HUC: 071100	04	
Missouri WBID#: 003	3	
County: LIWCOLN		
Upstream Legal Description:		
Downstream Legal Description	on:	
Upstream Coordinates: (UGS 84, ddd.ddddd)	38. 98964 -90. 80209 at	
Downstream Coordinates: (UGS 84, ddd.ddddd)	38.98964 -90.80209 ap 38.91634 -90.76888 ap	
Discharger Facility Name(s):		
Discharger Permit Number(s	):	
Number of Sites Evaluated:	<u>3</u>	·
Name of Surveyor and Telep	hone Number: Rm Duchrow	573/751-1300
Organization: DNR -	999	
Position: STTW 35	1229010	

I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA datasheet is true and accurate.

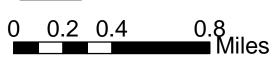
(		
Signed:	<u></u>	Date: 6/28/05

# Brushy Fork (C) #0033 Lincoln County





RoadsClassified WaterbodiesCounties





#### Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#:	33-001		Site Location Des	scription.				
Site GPS Coordinates:	18 98964 - 9c	. 8n2	09 N L70005	N LINDSEY RD BR				
Date & Time: 6/28/		o his	TO 112 ST					
Personnel:			Permit Number:	Permit Number:				
Current Weather Conditi	ons: CLEAR		Weather Condition	Weather Conditions for Past 7 days: Clear w/ T. Showers				
Photo Ids: Upstream: 100-0035 Downstream: 100			1: 100-003h Other	•				
ses Observed*:	1	1		T				
☐ Swimming	☐ Skin diving		☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking		☐ Boating	□ Wading	☐ Rafting			
☐ Hunting	☐ Trapping		☐ Fishing	None of the above documentation of evidence	☐ Other:			
•	18*: (Mark all that	promote	or impede recreational u	ses. Attach photos of evider	nce or unusual			
ems of interest.)		T		ses. Attach photos of evider	1			
•	ns*: (Mark all that ☐ Playgrounds☐ State parks	□м	or impede recreational u  OC conservation lands  tional forests	T	nce or unusual  Campgrounds  Stairs/walkway			
ems of interest.)  City/county parks	☐ Playgrounds	□ MI	DC conservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds			
ems of interest.)  City/county parks  Boating accesses	☐ Playgrounds ☐ State parks ☐ Fence	□ MI	OC conservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway			
ems of interest.)  ☐ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MI☐ Na☐ Ste	OC conservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway			
ems of interest.)  ☐ City/county parks ☐ Boating accesses ☐ No trespass sign	☐ Playgrounds ☐ State parks ☐ Fence	☐ MI☐ Na☐ Ste	DC conservation lands attional forests sep slopes	☐ Urban areas ☐ Nature trails ☐ Other: Rual w/	☐ Campgrounds ☐ Stairs/walkway Reszdewces / Pastur			

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

September 29, 2004

<sup>\*</sup>Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

## Page Two – Data Sheet B for WBID # \_\_\_\_\_\_\_:

Run Width (fill Pool Width (fill Fill Pool Width (fill Pool Width (fill Fill Pool Width (fill Fill Fill Fill Fill Fill Fill Fill	Yes  W Physical I  ft): 30'  Yes  Yes  Yes  A lues should ac	Dimensions: Length (ft): Length (ft): Length (ft): E'No  id up to 100%.) Gravel	Avg. De Avg. De  Avg. De  Estimate	opth (ft):  out (ft³/sec):  out (ft³/sec):	Max. Depth (ft):  Max. Depth (ft):	⊙.'3 <sup>'</sup> ⊙.'5 <sup>'</sup>
ownstream View Riffle Width (f Run Width (f Pool Width (f Flow Present?  Strate*: (These va 30 % Cobble  atic Vegetation*	Yes  W Physical I  ft):  ft):  Yes  Yes  A lues should act to the	Dimensions: Length (ft): Length (ft): Length (ft): E'No  Idd up to 100%.) Gravel	Estimate  Avg. De  Avg. De  Avg. De  Estimate	oth (ft):  pth (ft):  pth (ft):  pth (ft):  d (ft³/sec):	Max. Depth (ft):  Max. Depth (ft):  Max. Depth (ft):	6.5 <sup>'</sup>
ownstream View Riffle Width (f Run Width (f Pool Width (f Flow Present?  Strate*: (These va % Cobble atic Vegetation*	w Physical I ft): ft): ft):	Dimensions:  Length (ft):  Length (ft):  Length (ft):  E'No  idd up to 100%.)  Gravel	Avg. De Avg. De  Avg. De  Estimate	d (ft³/sec):  pth (ft): pth (ft): pth (ft): 0 . 2- d (ft³/sec):	Max. Depth (ft):  Max. Depth (ft):	
Riffle Width (f Run Width (f Pool Width (f Flow Present?  Strate*: (These va Cobble  atic Vegetation*	ft):  ft):  Yes  alues should act  50 %	Length (ft):  Length (ft):  Length (ft):  E'No  Id up to 100%.)  Gravel	Avg. De  Avg. De  Estimate	pth (ft):  pth (ft):  pth (ft):  0.2  d (ft³/sec):	Max. Depth (ft):  Max. Depth (ft):	
Run Width (f Pool Width (f Flow Present?  Strate*: (These va 30 % Cobble  atic Vegetation*	ft):  Control  State  Alues should action  State  S	Length (ft):  Length (ft):  Z'No  id up to 100%.)  Gravel   100%.	Avg. De  Avg. De  Estimate	pth (ft):  pth (ft):  pth (ft):  0.2  d (ft³/sec):	Max. Depth (ft):  Max. Depth (ft):	
Pool Width (f Flow Present?  Strate*: (These va   % Cobble  atic Vegetation*	Alues should ac	Length (ft): 2  No  Id up to 100%.)  Gravel 10	Estimate  % Sand	pth (ft): 0.2 d (ft³/sec):	Max. Depth (ft):	७.5 <sup>′</sup> % Bedrock
Flow Present?  strate*: (These va  > % Cobble  atic Vegetation*	Alues should ac	id up to 100%.) Gravel	Estimate	d (ft³/sec):		
strate*: (These va	alues should ac	id up to 100%.) Gravel LC	% Sand	0/ 0:14	% Mud/Clay	% Bedrock
3⊘ % Cobble  atic Vegetation*	50 %	Gravel 10		% Silt	% Mud/Clay	% Bedrock
_	ics*: (Mark a					
	Sewage	☐ Musky	☐ Chemical	None	☐ Other:	·
	Clear	Green	□ Gray	☐ Milky	Other:	****
-	☐ Sludge	□ Solids	Fine sedime		Other:	
Surface Deposit:	Oil	☐ Scum	☐ Foam	□None	☐ Other:	
•		ely for removal of a	recreational use dequently, this inform	esignation but rather nation is not intended	is to provide a more to directly influence a at effect another use.	





#### Field Data Sheets for Recreational Use Stream Surveys

#### **Data Sheet B - Site Characterization**

(A separate data sheet must be completed for each site)

Missouri WBID#:	3.002		Site Location De	scription:				
Site GPS Coordinates: 35	8.98656 .90	רגאר	3 464 47	SE				
Date & Time: مركورات	5 0833		Facility Name:					
Personnel:			Permit Number:					
Current Weather Condition	ns: Clear		Weather Conditi	Weather Conditions for Past 7 days: Clear w/ T- Showers				
Photo Ids: Upstream:		nstream:	00-0034 Other					
ses Observed*:	***************************************	<u> </u>						
	☐ Swimming ☐ Skin diving ☐ SCU			☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking		Boating	□ Wading	☐ Rafting			
☐ Hunting	☐ Trapping		Fishing	None of the above documentation of evidence	☐ Other:			
urrounding Conditions	S*: (Mark all that p	romote or	r impede recreational v	uses. Attach photos of eviden	nce or unusual			
ems of interest.)					C Commence de			
☐ City/county parks	☐ Playgrounds		Conservation lands	☐ Urban areas	☐ Campgrounds			
☐ Boating accesses	☐ State parks		onal forests	☐ Nature trails	☐ Stairs/walkway			
☐ No trespass sign	☐ Fence	☐ Steep	slopes	WOther: Runal - wood Pasture In				
Evidence of Human Use	<b>*</b> *•							
☑ Roads	☐ Foot paths/prir	ıts [	☐ Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks			
☐ Rope swings	☐ Camping Sites		☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle			
YOther: Trash								

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

Page 18

<sup>\*</sup>Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

## Page Two - Data Sheet B for WBID #\_\_\_\_\_\_\_\_\_:

Stream Mor Unstream	phology: View Phy	sical Dir	nensions:	•				
☑ Riffle	Width (ft):	3		100'	Avg. Depth (1	ft): O. (	Max. Depth (ft	i): 0.2'
☐ Run	Width (ft):	<del> 7</del> <u> </u>	Length (ft):		Avg. Depth (f		Max. Depth (ft	
☐ Pool	Width (ft):	15'	Length (ft):	.∞′	Avg. Depth (1	ft): 0.5'	Max. Depth (fi	t): 1.0'
☐ Flow	Present?	☐ Yes	<b>⊡</b> 1No		Estimated (ft <sup>3</sup>	//sec):		
Downstre	am View l	Physical	Dimensions:					the state of the s
☑ Riffle	Width (ft):	a5'	Length (ft): و	5 <del>0</del>	Avg. Depth (	ft): o.(	Max. Depth (f	t): 0.2'
☐ Run	Width (ft):		Length (ft):		Avg. Depth (	ft):	Max. Depth (f	
☑ Pool	Width (ft):	as'	Length (ft):	ເ5′	Avg. Depth (	ft): 6.5°	Max. Depth (f	t): v.s'
Flow	Present?	☑ Yes	□ No		Estimated (ft		7'8	
	(These valu 6 Cobble		add up to 100%.)	% Sand		% Silt	% Mud/Clay	% Bedrock
Water Char	acteristics		all that apply.)					
Odor:		Sewage	☐ Musky	□ Che	mical	☑ None	☐ Other:	
Color:	Ø	Clear	□ Green	☐ Gra	у	☐ Milky	☐ Other:	
Bottom De	eposit: 🔲	Sludge	☐ Solids	☐ Fin	e sediments	☑ None	☐ Other:	
Surface De	eposit: 🔲	Oil	☐ Scum	□ Foa	m	☑ None	☐ Other:	
*This informaticomprehensive decision on the	ion is not to understanding recreation unsigned, he true and	ne used solong of waterse analysis reby affiaccurate	lely for removal of r conditions. Conse but may point to c	a recreation equently, the onditions the of my kr	nal use desigr nis informatio hat need furth nowledge, t	nation but rathe n is not intende ner analysis or t hat all infor	erviews) to this for is to provide a more do directly influer hat effect another us	re nce a se. d on this UAA
Organization	I: DNR	- w7P			Position	n: <u>5tm</u>	Brologist	





#### Field Data Sheets for Recreational Use Stream Surveys

#### Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 003	3-003		Site Location Description:						
Site GPS Coordinates: 35	3.97634 - 90.	76888	MEIER RD BR						
Date & Time: 6/28/0			Facility Name:						
Personnel:	•		Permit Number:						
Current Weather Conditio	ns: Clear		Weather Conditions for Past 7 days: Clear w/T-Showers						
Photo Ids: Upstream:	<del></del>	stream:	-0032 Other:						
		,,,,,,							
Uses Observed*:		···-	***************************************	1					
	☐ Skin diving	☐ SCT	JBA diving	☐ Tubing	☐ Water skiing				
☐ Wind surfing	☐ Kayaking	☐ Boa	ting	□ Wading	☐ Rafting				
☐ Hunting	☐ Hunting ☐ Trapping ☐ Fish			None of the above	☐ Other:				
Describe: (include number of individuals recreating, frequency of use, photo-documentation of evidence of recreational uses, etc.)									
	•								
Surrounding Conditions items of interest.)	S*: (Mark all that pro	omote or im	pede recreational u	ses. Attach photos of evider	ice or unusual				
					□ Components				
☐ City/county parks	,,,		nservation lands	☐ Urban areas	☐ Campgrounds				
☐ Boating accesses	☐ State parks	☐ National	forests	☐ Nature trails	☐ Stairs/walkway				
☐ No trespass sign	☐ Fence	☐ Steep slo	pes	1 Other: Rural- Crop/Pastureland					
T									
Evidence of Human Use		T							
Roads	☐ Foot paths/prints		Oock/platform	☐ Livestock Watering	☐ RV / ATV Tracks				
☐ Rope swings	☐ Camping Sites	□F	ire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle				
Other: Trask s	in 528212								
	<del>-</del>								

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

<sup>\*</sup>Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

#### Page Two – Data Sheet B for WBID # 00 33 -003:

Upstream View Physical Dimensions:    Yeiffle   Width (ft): 4'   Length (ft): 30'   Avg. Depth (ft): 0.1   Max. Depth (ft): 0.3	1
Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft):	
Pool Width (ft): 20' Length (ft): 40' Avg. Depth (ft): 0.7' Max. Depth (ft): 2.4	à '
Flow Present? Yes No Estimated (ft <sup>3</sup> /sec): <\\$\sqrt{5}	
Downstream View Physical Dimensions:	
☐ Riffle Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft):	
Run Width (ft): Length (ft): Avg. Depth (ft): Max. Depth (ft):	
Pool Width (ft): 15' Length (ft): 150' Avg. Depth (ft): 0.3' Max. Depth (ft): 1.50	s'
Flow Present? Yes \( \text{No} \) No Estimated (ft <sup>3</sup> /sec): \( \alpha \) \( \alpha \) \( \alpha \)	
Substrate*: (These values should add up to 100%.)  HO % Cobble 50 % Gravel 5 % Sand 9 % Silt % Mud/Clay %	Bedrock
Water Characteristics*: (Mark all that apply.)	
Odor: Sewage Musky Chemical None Other:	
Color: ☐ Green ☐ Gray ☐ Milky ☐ Other:	
Bottom Deposit: ☐ Sludge ☐ Solids ☐ Fine sediments ☐ None ☐ Other:	
Surface Deposit: Oil Scum Foam Yone Other:	
*This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.  I, the undersigned, hereby affirm to the best of my knowledge, that all information reported on this datasheet is true and accurate.  Signed:  Date: 6/38/05	s UAA
Organization: DNR-WPP Position: 57 M Brologist	



